

**Amendments to the Specification:**

Please replace paragraph [0044] on page 11 with the following paragraph:

[0044] As shown in Figure 10, to enhance heat exchange, thermally conductive element 226 is spaced within volume 222, formed as explained above. Thermally conductive element 226 comprises a piece of metal, such as copper, having first spiral 230 along direction  $F_1$  and forming angle  $\Theta$  with axis X. First heat exchanger tube 18 and second heat exchanger tube 34 ~~are spiraled form spiral 300~~ in the direction of arrow  $F_2$ , a direction opposite to the direction of arrow  $F_1$  and second spiral 300 forms angle  $Z$  with axis X. As shown, angle  $\Theta$  is less than angle  $Z$ . By placing thermally conductive element 226 within volume 222 and spiraling this element in this fashion, turbulence of fluid within housing 16 is promoted to improve the heat exchange of fluid housing 16 and fluids within first heat exchanger 18 and second heat exchanger tube 34.

Please replace paragraph [0045] on page 11, with the following paragraph:

[0045] As shown in Figures 8, 11 and 12, multiple tubes, say three as show in Figure 12, four as shown in Figure 11, and six tubes as shown in Figure 8, may be intertwined to allow for the heat exchange of multiple fluids without intermingling of the fluids in each tube. Each of the heat exchangers shown in Figure 8, 11 and 12 may be manufactured by the process described before. As shown in Figure 8, these multiple tubes may be intertwined so that first loop 22 of first heat exchanger tube 18 neighbors second loop 38 of second heat exchanger tube 34, which neighbors third loop 244 of third tube 240, which neighbors fourth loop 252 of fourth tube 248, which neighbors fifth loop 258 of fifth tube 256, which finally neighbors sixth loop 264 of sixth tube 260. As shown, first loop 22, second loop 38, third loop 244, fourth loop 252, fifth loop

258 and sixth loop 260 have common diameter D. As known, the tightness of the spiral, the tube length, the number of tubes, the diameter of the tubes as well as the angle of the spiral of these tubes may be adjusted to accomplish the particular needs of a given heat exchange task.